



24 Hour Service
(201) 353-5544

EPA ID# NJD 000692160

646 Garden Street, Elizabeth, NJ 07202

February 28, 1985

E.I. DuPont
Textile Fibers Department
Nemours Building 3494A
Wilmington, Delaware 19898

Attention: Mr. J. McClanahan
Principal Environmental Engineer

Dear Mr. McClanahan:

As per your request, attached please find Inland Pollution Services, Inc., (IPSI) report concerning the re-packaging of nine (9) DuPont Labpack drums located at the SCP-Presto site, 411 Wilson Avenue, Newark, N.J. The field notes and lab pack listings break down the 27 drums which were needed to repackage the original nine (9).

Sincerely,

John H. Guy, President
John H. Guy
President

INLAND POLLUTION SERVICES, INC.

JHG/arb
Enclosure

298720



SCP-Presto, Newark Site - DuPont Labpack notes

Objectives:

As directed by Mr. Bill Buchanan, operating site officer of the N.J.D.E.P. for the 411 Wilson Avenue site, the primary directive for IPSI is to stabilize the 105 known and unknown labpack drums.

The nine DuPont drums were removed from the original labpack staging area and moved to a special shed which would protect our operation from the elements.

IPSI utilized up to three men during this operation; one chemest, one laborer, and one forklift operator. All these personnel were wearing full face respirators with organic/acid vapor cartridges. All workers wore Tyvek suits, whereas the chemist wor a polyvinylchloride suit.

SCP-Presto, Newark Site - DuPont Labpack notes

Packaging of knowns

In order to avoid any confusion on the paperwork regarding which drums were the original DuPont drums and which are the newly stabilized drums, the original drums were marked as ODP (Original DuPont Drums), whereas the stabilized drums are marked as DP (DuPont Drums).

All identifiable wastes (knowns) were repackaged into new, open-top 17H drums and packed with an absorbing media (speedy-dry) in such a manner that there is 2 to 3 inches of speedy-dry in between each container in the drum. These known drums are marked as DP-1, DP-2, DP-7, DP-26, and DP-27.

Attached are the labpack listings from these drums. These listings will tell you which drums these knowns originally came from, D.O.T. shipping information, and EPA codes. If you have any disagreements on the compatibility of material in each drum, or if you feel that the D.O.T. information is incorrect, please do not hesitate to call me at 201-353-5544.

Please keep in mind that these drums, at this point in time, do not have any hazardous waste or D.O.T. labels on them.

SCP-Presto, Newark Site - DuPont Labpack notes

Re-Packaging of Unknowns

Attached are IPSI's labpack listings for unknown containers, contaminated material and contaminated liquid.

Working under the premise that these unknowns have not reacted with each other within each individual drum, and that we do not know if a reaction would occur if we packed unknowns from two different drums into one new drum, we opted to keep the unknowns from each individual drum segregated from unknowns from other drums. These unknowns were packed in the same manner as the knowns.

The contaminated debris from each drum was put into 6 mil poly lined bags and placed into individual drums. These drums were not filled with speedy-dry.

The contaminated liquid from three drums were tested with PH paper before we combined these liquids. From what I could visually ascertain, these liquids were water-like in appearance and viscosity, with slight organic film in them. I would advise having this drum analyzed and disposed of as soon as possible because the upcoming cold weather will freeze and damage this closed top 17E drum.

The ultimate disposition for disposal of your unknown containers is unknown at this point in time. Furthermore, the State feels that it would be too dangerous to open these individual bottles and cans of unknowns on site for fear of potential explosion.

The contaminated solids can probably be addressed, however, I will be looking for direction from DuPont and the D.E.P. on this issue.

The total number of drums, broken down into knowns, unknown containers, contaminated solids and contaminated liquids is as follows:

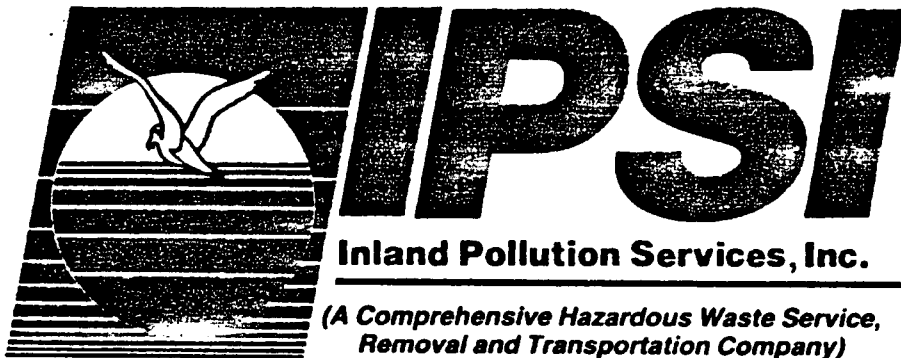
- 5 Drums of knowns
- 1 Drum of unknown liquids
- 9 Drums of contaminated solids
- 12 Drums of unknowns

SCP-Presto, Newark Site - DuPont Labpack notes

Field Notes

Attached are listings for each original DuPont drum. Included in these listings are the following:

- 1) Any markings or stencils on each drum.
- 2) Field notes concerning appearances of drums, identifiable labels, problems encountered and how these problems were addressed.
- 3) Count of identifiable (known) material and into which stabilized they were placed.
- 4) Count of unknown containers and into which stabilized drum they were placed.
- 5) Drums into which contaminated solids were placed.
- 6) If any liquid was present in drum, and, if so, into which drum this liquid was placed.



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SCP-Presto, Newark - Dupont labpack notes

ODP-1

-No Dupont labels or manifest numbers on drum.
-Drum has a 4"x12" black on white label on it which reads-
"WASTE CHEMICALS"
Stencilled as "LAB PACK"(Twice) and "ACID"(Twice)

Containers in drum

- 1) 5 gallon pail which reads-
Passivation Solution Spent
ICD lab Room 143 ext3915
(Nitric acid, Sodium Dichromate)
Pail has a Chestnut Run waste disposal-
label on it and a disposal tag attached
Container treated as a known waste and
placed in a new drum for disposal
(Drum-DP-2)
- 2) 2-5 gallon plastic jugs
labelled as "Trivalent Chrome acid
mixture"
No Chestnut Run tags but there are
Chestnut Run labels on them.
Handled as a known waste and placed into
a new drum(DP-6)
- 3) 1-5 gallon pail
Marked 'Instichrome'
Has a Chestnut Run tag attached
from L.H. Clapp(?)
ICD Lab
Room 146, ext2134
Container was leaking, ergo it was solidified
and placed into drum marked(DP-3)
- 4) 1-5 lb. plastic jar which reads
'Vazo De(rest illegible)
Name.. W.E. Charturich(?)
Analytical Lab..Room 128
Considered an unknown waste and placed into
new drum marked(DP-6)
- 5) All Contaminated material in this drum placed
into drum (DP-6)



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SCP-Presto, Newark-Dupont Labpack notes

ODP-2

No Dupont labels or Manifest numbers on drum
Drum stencilled "Labpack", "SWA Type 9.20", "10-366"
Marked by S.C.P. "67"

Containers in drum

- 1) 1-5gallon pail containing Dupont product
called CAYTUR #22
Labelled as a Methylene Dianiline-Sodium Chloride
complex.
Treated as a known waste and placed into drum
marked(DP-7)
- 2) 1-5 gallon pail marked as Hydrated Alumina
from Solem Industries
Elastomer lab label on it
Package was addressed to Dupont to the attention
of Mr. Grum(?)
Marked as Alumina SR-682
Treated as a known waste and placed into drum
(DP-27)
- 3) All Contaminated solids placed into drum(DP-8)



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SCP-Presto, Newark - DuPont Labpack notes

ODP-3

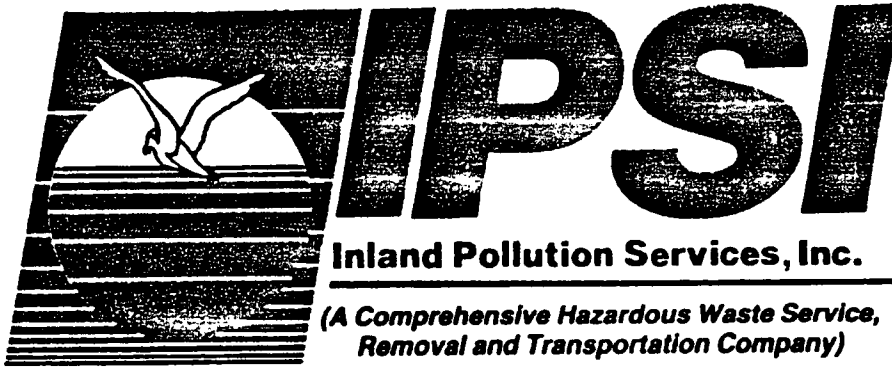
DuPont written on drum by DuPont representative when he visited site. Drum is stencilled "Labpack" and as "Flourocarbon Waste".

Containers in drum

- 1) 1 Quart plastic bottle marked "Pyridine Waste".
Treated as a known waste and placed into drum (DP-26).
- 2) 8x1 lb. Phenylene diisocyanate (polymerized).
These were samples from Olin.
Handled as known waste and placed into drum (DP-7).
- 3) The following containers are all unknowns and placed into drum (DP-4).

3-2 gallon plastic jugs
1-1 quart glass jar
1-1 quart plastic jar
1-1 pint plastic jar
1-100 ml. glass bottle
2-100 ml. plastic bottle
4-100 ml. glass bottle
2-1 gallon plastic jug
- 4) The following containers are all unknown and placed into drum (DP-5).

2-1 gallon plastic jug
1-1 gallon collapsible plastic jug
1-1 pint plastic bottle
- 5) 1 bag of contaminated debris placed into drum (DP-3).



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SCP-Presto,newark - Dupont Labpack notes

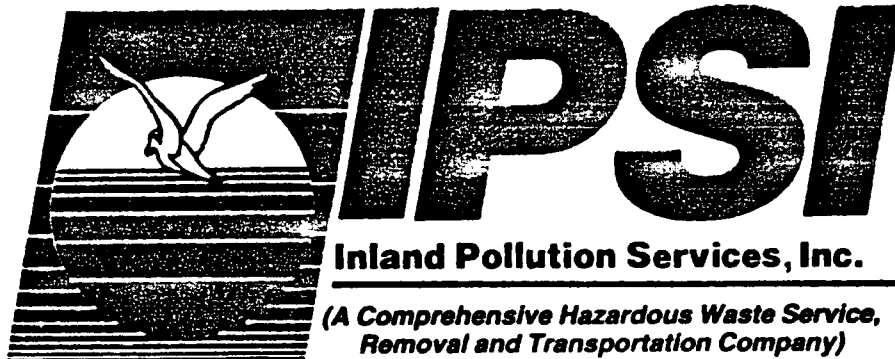
ODP-4

Identified by Dupont Representative who visited site
Stencilled "10-204","LAB Packs"

No noticable Dupont labels on containers inside drum

Containers in drum

- 1) Drum may have contained over 150 containers when initially packed. Many of these containers fell apart when handled.
All of these corroded and empty containers, along with contaminated solids in the drum, (roughly 100 lbs. were bagged and placed into drum marked (DP-20).
- 2) 10 to 15 gallons of liquid (PH=7) pumped out of this drum and placed into a liquid consolidation drum (DP-25).
- 3) The followings containers, all considered unknowns, were placed into drum (DP-21)
 - 20-Quart cans
 - 35 Pint cans
 - 2 100 gram resinous solids
 - 1 200 gram resinous solid
 - 1 50 gram resinous solid
 - 1 Pint collapsible plastic jug
 - 2 Quart bottles
 - 1-100 ml. bottle
 - 2-200 ml. bottle
 - 1 Quart can of solids
 - 1 small bag/broken bottle of chemicals in it



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SCP-Presto, Newark - DuPont Labpack notes

ODP-5

Identified by DuPont representative.
Stencilled "LABPACK", "DP-07 (Rest Illegible)".

Containers in drum

- 1) The following identifiable (Known) wastes were placed into drum marked (DP-27).

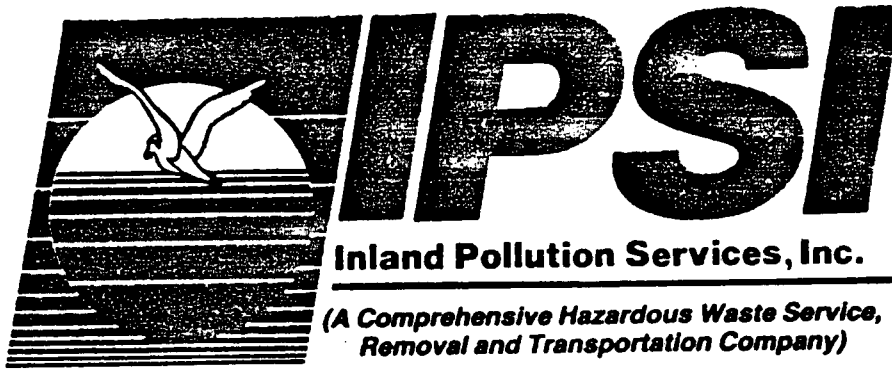
1x1/4 lb. Sodium Flouride
1x100 gram Ammonium Molydate/Chestnut Run Label on it.
1x1 lb. Lithium Oxalate/Chestnut Run Label on it.

- 2) The following identifiable (known) wastes were placed into drum marked (DP-26).

1x1 Quart 1-5 Pentanediol/Chestnut Run label on it
2x500 grams 1-3 Propanediol
1x1 lb. Dowicide A (see attached M.S.D. sheet)
contents of which was a black mass and
had a Chestnut Run label on it.

- 3) In addition to these known wastes, I was able to recover 44 quart bottles which had yellow labels on them which said "Waste Chemicals". Some of these bottles also had Fischer Scientific labels on them which read "liquified Phenol". However, these bottles had solids and different colored liquids in them, ergo, I could not determine if they indeed all contained phenol. Many of these bottles were placed upside-down in the original drum and had caps too large for the bottles. Hence, in the process of removing said bottles, a lot of liquid poured out of them. The bottles that I could remove without losing their liquid content were resealed utilizing duct tape. Of these bottles,

26 went into drum marked (DP-13).
18 went into drum marked (DP-14).



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SCP-Presto, Newark-Dupont Labpacks

ODP-5(continued)

- 4) The contaminated vermiculite, speedy-dry, and empty bottles from this drum were repacked into drum marked(DP-12)

As an afterthought, after I left the area where I was repacking this waste, I removed my respirator and detected the odor of phenol on my protective clothing.



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Inland Pollution Services, Inc.

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*(A Comprehensive Hazardous Waste Service,
Removal and Transportation Company)*

646 Garden Street, Elizabeth, NJ 07202

SCP-Presto, Newark - Dupont labpack notes

ODP-6

- Identified by Dupont representative stenciled "Lab Pack"
- Material inside drum showed bad signs of corrosion.

Containers in drum

- 1) The following salvageable containers were all considered unknowns and placed into the drum marked DP-16
 - 1- 5 gallon plastic carboy in cardboard from Dow Corning which was addressed to the Chestnut Run facility-Attention of Ralph Harris
 - 7- Quart glass bottles containing liquid & solids
 - 1- 1/2 gallon glass jar containing liquids and solids
 - 4- Pint cans of solids
 - 1- Pint can of liquid
- 2) The following salvageable containers were also treated as unknowns and placed into the drum mark DP 17
 - 1- 1 Gallon can with resinous solids was marked that it came from the Elastomer lab, responsibility of L. Pariser
 - 3- 1 gallon cans/resinous solids
 - 5- 1/2 gallon glass jars containing liquids and solids
 - 1- 1 gallon glass jar
 - 1- 5 gallon pail
- 3) Any sludge or residue remaining in ODP-6 was consolidated and placed into drum #DP-15



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SCP-Presto, Newark - Dupont labpacks

ODP-7
Stencilled "Labpack" and "Paint Liquid 1535"
Marked by SCP employees "#26"
Drum estimated to have over 200 containers in it which were
in poor condition.

Containers in drum

- 1) The following salvageable containers are all
considered unknowns and placed into the drum
marked (DP-19)
 - 1-1 gallon can/Chestnut Run label on it
 - 4-1 gallon metal cans
 - 1-1 gallon plastic jar
 - 18-1/4 pint cans
 - 26-1/2 pint cans
 - 7-pint cans
 - 5-quart cans
 - 1-1/2 gallon can
- 2) Broken containers and sludge consolidated into
drum marked (DP-18)
- 3) Approximately 15 gallons of liquid (PH=7)
consolidated into drum marked (DP-25)



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SCP-Presto, Newark-Dupont Labpack drums

ODP-8

Stencilled "Lab packs" & "89179C9 (rest illegible)"

Non D.O.T. label reads "Poisonous Liquid, N.O.S."

Drum was packed in vermiculite and contained many deteriorated containers.

Bottom of drum had polymerized masses of bottles and cans.

Elastomer Lab labels and Deepwater labels noticed in drum, however, descriptions of contents on labels were illegible.

Containers in drum

- 1) 1-1 pint bottle of 2,3 dibromopropyl methacrylate from Great Lakes Chemical. This was treated as a known waste and placed into drum marked (DP-26).
- 2) The following are unknowns which were packed into drum marked (DP-10)
 - 3-1 gallon cans
 - 27-8 oz. bottles
 - 7-4 oz. bottles
 - 25-2 oz. vials
 - 13-1 quart bottles
- 3) The following were treated as unknowns and packed into drum marked (DP-11)
 - 2-Polymerized masses of bottles and cans each weighing 10 lbs.
 - 2-1 gallon glass jars
 - 8-1/2 lb. cans
 - 5-1 lb. cans
 - 6-2 lb cans
- 4) Solids, debris, vermiculite from this drum packed into drum marked (DP-9).



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SCP-Presto, Newark - DuPont labpack notes

ODP-9

- Originally identified by DuPont.
- No stencilled numbers or lettering on drum.
- 1 Chestnut Run label found in this drum.
- Most of the samples in this drum were white solids with a latex-like consistency.
- Some of these latex-like samples had labels on them which read "Oven Samples" while others had labels saying "Associated Paint and (rest illegible)".

Containers in drum

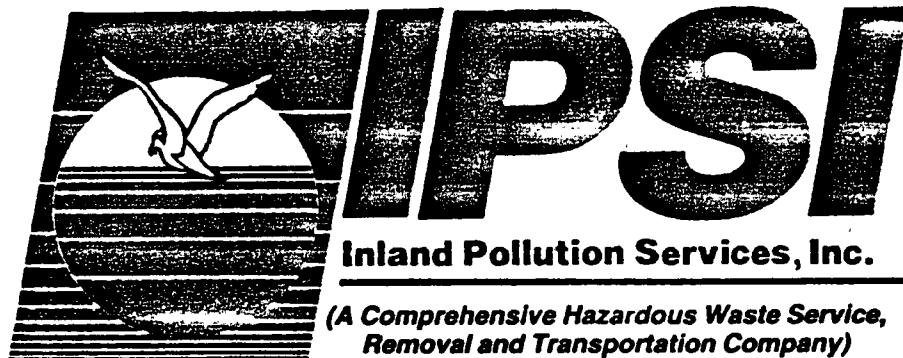
- 1) The following were treated as unknowns and placed into drum marked (DP-23)
 - 10-1 gallon pails
 - 1-1/2 gallon pail
 - 1-gallon glass jar which reads JV recipe 4-8-75.
 - 28-1/2 pint paint cans
 - 9-4 oz. jars
 - 2-3 oz. jars
 - 10-6 oz. jars
 - 4-pint cans
- 2) The following were treated as unknowns and packed into drum marked (DP-24)
 - 2-Quart cans
 - 14-Quart jars
 - 14-Pint jars
- 3) Roughly 25 gallons of liquid (PII-7) pumped from this drum into (DP-25) prior to moving. Later, 5 more gallons pumped into (DP-25).
- 4) All contaminated solids placed into (DP-22).

SCP-Presto, Newark Site - DuPont Labpack notes

Attached is a listing of each new stabilized drum, a brief description of material contained in drum, and from which original drum the material came.

If you have any further direction concerning unknowns and how they may be handled, please call me at 201-353-5544.

Mark Swanek
Inland Pollution Services, Inc.



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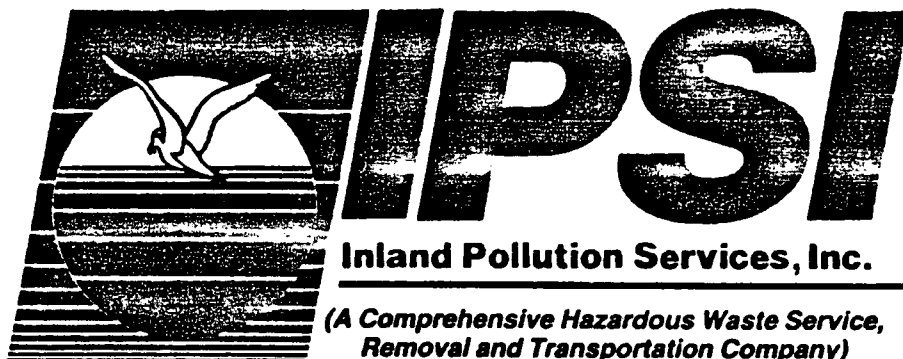
EPA ID #NJD000692160

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SCP-Presto, Newark - DuPont Labpack notes

Below is a listing of the new DuPont drums with a brief summary of material in them and from which original drum they came:

<u>New Drum</u>	<u>Contents</u>
DP-1	Knowns from ODP-1
DP-2	Knowns from ODP-1
DP-3	1 Bag solidified instichrome from ODP-1
DP-4	Unknowns from ODP-3
DP-5	Unknowns and contaminated speedy-dry from ODP-3
DP-6	Contaminated material and unknown solid from ODP-1
DP-7	Knowns from ODP-3 and ODP-2
DP-8	Contaminated solids from ODP-2
DP-9	Contaminated solids from ODP-8
DP-10	Unknowns from ODP-8
DP-11	Unknowns from ODP-8
DP-12	Contaminated solids from ODP-5
DP-13	Unknowns from ODP-5
DP-14	Unknowns from ODP-5
DP-15	Contaminated material from ODP-6
DP-16	Unknowns from ODP-6
DP-17	Unknowns from ODP-6
DP-18	Contaminated material from ODP-7



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SCP-Presto, Newark - DuPont Labpack notes

<u>New Drum</u>	<u>Contents</u>
DP-19	Unknowns from ODP-7
DP-20	Contaminated material from ODP-4
DP-21	Unknowns from ODP-4
DP-22	Contaminated solids from ODP-9
DP-23	Unknowns from ODP-9
DP-24	Unknowns from ODP-9
DP-25	(17E closed top drum) Unknown liquid from ODP-9, 4 & 7
DP-26	Knowns from ODP-3, 5 & 8
DP-27	Knowns from ODP-2 & 5

Disput

DRUM, PROPER D.O.T. SHIPPING NAME	6% Chromium acid solution
UN/NA NUMBER	UN1755
LABELS ON DRUM	Corrosive
EPA ID NUMBER:	
EPA WASTE NUMBER:	D002 NTX850
EPA HAZARD CODE	C T
ACCUMULATION START DATE	
MANIFEST NUMBERS: N.J.	
OTHER:	
DISPOSAL FACILITY:	

DRUM NO. DR-1A

LAB PACK ☐ BULK ☐

[illegible]

SHIPPER SIGNATURE _____

DATE _____

DRUM, PROPER D.O.T. SHIPPING NAME	
UN/NA NUMBER	
LABELS ON DRUM	
EPA ID NUMBER:	
EPA WASTE NUMBER:	
EPA HAZARD CODE	
ACCUMULATION START DATE	
MANIFEST NUMBERS: N.J.	
OTHER:	
DISPOSAL FACILITY:	

LAB PACK ☒ BULK ☐

[illegible]

SHIPPER SIGNATURE _____

DATE _____

DRUM, PROPER D.O.T. SHIPPING NAME	
UN/NA NUMBER	
LABELS ON DRUM	
EPA ID NUMBER:	
EPA WASTE NUMBER:	
EPA HAZARD CODE	
ACCUMULATION START DATE	
MANIFEST NUMBERS: N.J.	
OTHER:	
DISPOSAL FACILITY:	

LAB PACK ☐ **BULK** ☐

[illegible]

DATE _____

DRUM, PROPER D.O.T. SHIPPING NAME	Waste Poison B, 10 POISON SOLID D.O.S
UN/NA NUMBER	UN2811
LABELS ON DRUM	Poison B
EPA ID NUMBER:	
EPA WASTE NUMBER:	- NJX850
EPA HAZARD CODE	- T
ACCUMULATION START DATE	
MANIFEST NUMBERS: N.J.	
OTHER:	
DISPOSAL FACILITY:	

DRUM NO. DP-7

[illegible]

DATE _____

GENERATOR INFORMATION:

DRUM, PROPER D.O.T. SHIPPING NAME	
UN/NA NUMBER	
LABELS ON DRUM	
EPA ID NUMBER:	
EPA WASTE NUMBER:	
EPA HAZARD CODE	
ACCUMULATION START DATE	
MANIFEST NUMBERS: N.J.	
OTHER:	
DISPOSAL FACILITY:	

DRUM NO. DP-11 (from unknown ODP-8)

LAB PACK ☐ BULK ☐

LAB PACK <input type="checkbox"/> BULK <input type="checkbox"/>				EPA WASTE CODE	PHYSICAL STATE			HAZARD										
TOTAL QUANTITY	NUMBER CONTAINERS	TYPE CONTAINERS	CHEMICAL NAME/COMPOSITION		SOLID	LIQUID	GAS	NON-HAZARDOUS	ORM	EXPLOSIVE	AIR - REACTIVE	WATER - REACTIVE	SPONTANEOUS COMBUSTIBLE	CORROSIVE	FLAMMABLE	POISON	OXIDIZER	OTHER
10lb	2	-	polymerized mass of unknowns		X													
2gal	2	glass jars	UNKNOWN		X													
4lb	8	1/2lb cans	UNKNOWN															
5lb	5	1lb cans	UNKNOWN															
12lb	6	2lb cans	UNKNOWN															

DRUM, PROPER D.O.T. SHIPPING NAME	
UN/NA NUMBER	
LABELS ON DRUM	
EPA ID NUMBER:	
EPA WASTE NUMBER:	
EPA HAZARD CODE	
ACCUMULATION START DATE	
MANIFEST NUMBERS: N.J.	
OTHER:	
DISPOSAL FACILITY:	

LAB PACK ☐ BULK ☐

[illegible]

SHIPPER SIGNATURE _____

DATE _____

DRUM, PROPER D.O.T. SHIPPING NAME	
UN/NA NUMBER	
LABELS ON DRUM	
EPA ID NUMBER:	
EPA WASTE NUMBER:	
EPA HAZARD CODE	
ACCUMULATION START DATE	
MANIFEST NUMBERS: N.J.	
OTHER:	
DISPOSAL FACILITY:	

DRUM NO. 016 Sum ODP-6

LAB PACK ☐ BULK ☐

[illegible]

SHIPPER SIGNATURE _____

DATE _____

GENERATOR INFORMATION:

DRUM, PROPER D.O.T. SHIPPING NAME	
UN/NA NUMBER	
LABELS ON DRUM	
EPA ID NUMBER:	
EPA WASTE NUMBER:	
EPA HAZARD CODE	
ACCUMULATION START DATE	
MANIFEST NUMBERS: N.J.	
OTHER:	
DISPOSAL FACILITY:	

DRUM NO. DP-17 from ODP-6

LAB PACK ☐ BULK ☐

TOTAL QUANTITY	NUMBER CONTAINERS	TYPE CONTAINERS	CHEMICAL NAME/COMPOSITION	EPA WASTE CODE	PHYSICAL STATE			HAZARD										
					SOLID	LIQUID	GAS	NON-HAZARDOUS	ORM	EXPLOSIVE	AIR - REACTIVE	WATER - REACTIVE	SPONTANEOUS COMBUSTIBLE	CORROSIVE	FLAMMABLE	POISON	OXIDIZER	OTHER
5gal	1	Pail	Unknown			X												
1gal	1	glass jar	Unknown			X												
1/2gal	1	glass jar	Unknown			X												
4gal	1	metal pail	Unknown		X													
2gal	4	1/2 gal glass	Unknown			X												

DRUM, PROPER D.O.T. SHIPPING NAME	
UN/NA NUMBER	
LABELS ON DRUM	
EPA ID NUMBER:	
EPA WASTE NUMBER:	
EPA HAZARD CODE	
ACCUMULATION START DATE	
MANIFEST NUMBERS: N.J.	
OTHER:	
DISPOSAL FACILITY:	

DRUM NO. DP-18 (solids, empty cans from ODP-7)

LAB PACK ☐ **BULK** ☐

[illegible]

DATE _____

DRUM, PROPER D.O.T. SHIPPING NAME	
UN/NA NUMBER	
LABELS ON DRUM	
EPA ID NUMBER:	
EPA WASTE NUMBER:	
EPA HAZARD CODE	
ACCUMULATION START DATE	
MANIFEST NUMBERS: N.J.	
OTHER:	
DISPOSAL FACILITY:	

DRUM NO. DP-19 from ODP-7

LAB PACK ☐ BULK ☐

[illegible]

SHIPPER SIGNATURE

DATE _____

GENERATOR INFORMATION:

DRUM, PROPER D.O.T. SHIPPING NAME	
UN/NA NUMBER	
LABELS ON DRUM	
EPA ID NUMBER:	
EPA WASTE NUMBER:	
EPA HAZARD CODE	
ACCUMULATION START DATE	
MANIFEST NUMBERS: N.J.	
OTHER:	
DISPOSAL FACILITY:	

DRUM NO. DP-21 (from ODP-4)

LAB PACK ☐ BULK ☐

TOTAL QUANTITY	NUMBER CONTAINERS	TYPE CONTAINERS	CHEMICAL NAME/COMPOSITION	EPA WASTE CODE	PHYSICAL STATE			HAZARD										
					SOLID	LIQUID	GAS	NON-HAZARDOUS	ORM	EXPLOSIVE	AIR - REACTIVE	WATER - REACTIVE	SPONTANEOUS COMBUSTIBLE	CORROSIVE	FLAMMABLE	POISON	OXIDIZER	OTHER
5 gal	20	Qt cans	Unknown		X	X												
35 pt	35	pt cans	Unknown		X	X												
200 gram	2	100 gram	Resinsolids Unknown		X													
200 gram	1	200 gram	" "		X													
50 gram	1	50 gram	" "		X													
1 pint	1	pint	compos. BLE jug Unknown			X												
2 qt	2	Qt bottle	Unknown		X	X												
1 can	1	bottle	Unknown		X	X												
1 can	2	200 ml bottle	Unknown		X	X												
Qt	1	can	Unknown		X													
1/2 lb	1	bottle in bag	Unknown		X													

SHIPPER SIGNATURE

DATE

DRUM, PROPER D.O.T. SHIPPING NAME	
UN/NA NUMBER	
LABELS ON DRUM	
EPA ID NUMBER:	
EPA WASTE NUMBER:	
EPA HAZARD CODE	
ACCUMULATION START DATE	
MANIFEST NUMBERS: N.J.	
OTHER:	
DISPOSAL FACILITY:	

LAB PACK ☐ **BULK** ☐

[illegible]

DATE _____

DRUM, PROPER D.O.T. SHIPPING NAME	
UN/NA NUMBER	
LABELS ON DRUM	
EPA ID NUMBER:	
EPA WASTE NUMBER:	
EPA HAZARD CODE	
ACCUMULATION START DATE	
MANIFEST NUMBERS: N.J.	
OTHER:	
DISPOSAL FACILITY:	

DRUM NO. DP-24 (Serial 0009)

LAB PACK ☐ BULK ☐

[illegible]

SHIPPER SIGNATURE

DATE _____

Dipaul

DRUM, PROPER D.O.T. SHIPPING NAME	
UN/NA NUMBER	
LABELS ON DRUM	
EPA ID NUMBER:	
EPA WASTE NUMBER:	
EPA HAZARD CODE	
ACCUMULATION START DATE	
MANIFEST NUMBERS: N.J.	
OTHER:	
DISPOSAL FACILITY:	

DRUM NO. DP-25

LAB PACK ☐ BULK ☒

[illegible]

SHIPPER SIGNATURE _____

DATE _____

GENERATOR INFORMATION:

DRUM, PROPER D.O.T. SHIPPING NAME	Waste Flammable Liquid NOS
UN/NA NUMBER	11A 1993
LABELS ON DRUM	Flammable Liquid
EPA ID NUMBER:	
EPA WASTE NUMBER:	D001 NJX850
EPA HAZARD CODE	I T
ACCUMULATION START DATE	
MANIFEST NUMBERS: N.J.	
OTHER:	
DISPOSAL FACILITY:	

DRUM NO. ~~25~~ DP-26

LAB PACK ☐ BULK ☐

TOTAL QUANTITY	NUMBER CONTAINERS	TYPE CONTAINERS	CHEMICAL NAME/COMPOSITION	EPA WASTE CODE	PHYSICAL STATE			HAZARD										
					SOLID	LIQUID	GAS	NON-HAZARDOUS	ORM	EXPLOSIVE	AIR - REACTIVE	WATER - REACTIVE	SPONTANEOUS COMBUSTIBLE	CORROSIVE	FLAMMABLE	POISON	OXIDIZER	OTHER
Qt	1	Qt plastic	Pyridine waste (from ODP-3)	D001		X									X			
1000 g	2	500g bottle	1-3 propane diol from (ODP-5) 1-5 pentanediol	D001		X												X
Qt	1	glass bottle	1-5 pentanediol from (ODP-5)	D001		X												X
Pt	1	glass bottle	2,3-dibromopropyl methacrylate (ODP-8)		X													X
1 lb	1	plastic bottle	Dowicide A (ODP-8)		X													
			(Sodium-ortho-phenylphenate trihydrate															

SHIPPER SIGNATURE

DATE

M A T E R I A L S A F E T Y D A T A S H E E T P A G E : 1
DOW CHEMICAL U.S.A. MIDLAND MICHIGAN 48640 EMERGENCY PHONE: 517-636-4400
EFFECTIVE DATE: 18 SEP 81 DATE PRINTED: 18 OCT 84 PRODUCT CODE: 24500
PRODUCT NAME: DOWICIDE (R) A ANTIMICROBIAL MSD: 0137

INGREDIENTS (TYPICAL VALUES-NOT SPECIFICATIONS)	:	%	:
ACTIVE INGREDIENT:	:		:
SODIUM O-PHENYLPHENATE TETRAHYDRATE	:	97	:
INERT INGREDIENT	:	3	:
EPA REGISTRATION NO. 464-78	:		:

SECTION 1

PHYSICAL DATA

BOILING POINT: DECOMPOSES	:	SOL. IN WATER: 120G/100G @ 25C
VAP PRESS: (MMHG @ 20C) LOW	:	SP. GRAVITY: 1.3 @ 25/25C
VAP DENSITY (AIR=1): ----	:	% VOLATILE BY VOL: NOT APPL.

APPEARANCE AND ODOR: WHITE TO BUFF SOLID.

SECTION 2

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: ----	:	FLAMMABLE LIMITS
METHOD USED: NOT APPL.	:	LFL: NOT APPL. UFL: NOT APPL.

EXTINGUISHING MEDIA: NON-COMBUSTIBLE.

SPECIAL FIRE FIGHTING EQUIPMENT AND HAZARDS: ----

SECTION 3

REACTIVITY DATA

STABILITY: ----

INCOMPATIBILITY: AVOID STRONG OXIDIZERS.

HAZARDOUS DECOMPOSITION PRODUCTS: ----

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION 4

SPILL, LEAK, AND DISPOSAL PROCEDURES

ACTION TO TAKE FOR SPILLS: CLEAN UP ALL
TRACES. SHOVEL AS MUCH AS POSSIBLE INTO CLEAN, DRY CONTAINERS. ON
HARD SURFACES USE ABSORBENT MATERIAL TO PICK UP REMAINDER; ON LOOSE
SURFACES SHOVEL UP CONTAMINATED LAYER. AVOID USE OF WATER AS PRODUCT
IS HIGHLY TOXIC TO AQUATIC LIFE.

(CONTINUED ON PAGE 2)

(R) INDICATES A TRADEMARK OF THE DOW CHEMICAL COMPANY

EFFECTIVE DATE: 18 SEP 81 DATE PRINTED: 18 OCT 84 PRODUCT CODE: 24500
PRODUCT (CONT'D): DOWICIDE (R) A ANTIMICROBIAL MSD: 0137

SECTION 4 SPILL, LEAK, AND DISPOSAL PROCEDURES (CONTINUED)

DISPOSAL METHOD: LOCAL REGULATIONS MAY PERMIT BURNING. OTHERWISE, KEEP MATERIAL IN CLOSED CONTAINERS AND CALL SUPPLIER FOR ADVICE.

SECTION 5 HEALTH HAZARD DATA

EYE: CAUSES SEVERE BURNS.

SKIN CONTACT: CAUSES BURNS.

SKIN ABSORPTION: NOT LIKELY TO BE ABSORBED THROUGH THE SKIN IN ACUTELY TOXIC AMOUNTS.

INGESTION: MODERATE SINGLE DOSE ORAL TOXICITY. LD50 (MALE RAT) 924 MG/KG; (FEMALE RAT) 730 MG/KG.

INHALATION: DOW INDUSTRIAL HYGIENE GUIDE IS 5 MG/M3.

SYSTEMIC & OTHER EFFECTS: IRRITATING TO UPPER RESPIRATORY TRACT.

SECTION 6 FIRST AID

EYES: IRRIGATE WITH FLOWING WATER IMMEDIATELY AND CONTINUOUSLY FOR 15 MINUTES. REFER TO MEDICAL PERSONNEL.

SKIN: IN CASE OF CONTACT, IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. CALL A PHYSICIAN IF IRRITATION PERSISTS. WASH CLOTHING BEFORE REUSE. DESTROY CONTAMINATED SHOES.

INGESTION: IF SWALLOWED, INDUCE VOMITING IMMEDIATELY BY GIVING TWO GLASSES OF WATER AND STICKING FINGER DOWN THROAT. CALL A PHYSICIAN.

INHALATION: REMOVE TO FRESH AIR IF EFFECTS OCCUR. CONSULT MEDICAL PERSONNEL.

NOTE TO PHYSICIAN:

EYES: MAY CAUSE SEVERE IRRITATION. MAY CAUSE CORNEAL INJURY OR BURN. STAIN FOR EVIDENCE OF CORNEAL INJURY. IF CORNEA IS BURNED, INSTILL ANTIBIOTIC STEROID PREPARATION FREQUENTLY. CONSULT OPHTHALMOLOGIST.

SKIN: MAY CAUSE BURN. IF BURN IS PRESENT, TREAT AS ANY THERMAL BURN. NOT LIKELY TO BE ABSORBED IN ACUTELY TOXIC AMOUNTS.

RESPIRATORY: MAY CAUSE MODERATE IRRITATION. NO TOX DATA ON THIS SPECIFIC PRODUCT; BASED ON SIMILAR PRODUCT.

ORAL: MODERATELY TOXIC.

SYSTEMIC: CONSULT STANDARD LITERATURE. NO SPECIFIC ANTIDOTE. SUPPORTIVE CARE. TREATMENT BASED ON SOUND JUDGMENT OF THE PHYSICIAN AND INDIVIDUAL REACTIONS OF THE PATIENT.

(CONTINUED ON PAGE 3)

(R) INDICATES A TRADEMARK OF THE DOW CHEMICAL COMPANY

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PRODUCT (CONT'D): DOWICIDE (R) A ANTIMICROBIAL MSD: 0137

SECTION 7 SPECIAL HANDLING INFORMATION

VENTILATION: RECOMMEND CONTROL OF DUSTS AND VAPORS TO SUGGESTED GUIDE.

RESPIRATORY PROTECTION: IF REQUIRED, USE AN APPROVED DUST RESPIRATOR.

PROTECTIVE CLOTHING: CLEAN, BODY-COVERING CLOTHING. IN ADDITION, RUBBER GLOVES, BOOTS, APRON DEPENDING UPON THE EXTENT AND SEVERITY OF EXPOSURE LIKELY.

EYE PROTECTION: CHEMICAL WORKERS GOGGLES. EYE FOUNTAIN AND SAFETY SHOWER IN WORK AREA.

SECTION 8 SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: PREVENT BOTH EYE AND SKIN CONTACT; AVOID BREATHING VAPORS OR DUSTS.

ADDITIONAL INFORMATION: 18 SEP 81 REVISED FROM 06 NOV 78 --
SECTIONS 5, 6, AND 7.

LAST PAGE

(R) INDICATES A TRADEMARK OF THE DOW CHEMICAL COMPANY
THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY,
EXPRESSED OR IMPLIED, IS MADE. CONSULT THE DOW CHEMICAL COMPANY
FOR FURTHER INFORMATION.

Mark - Wilson Ave

Wilson Ave
Pine St
SCP

10/25/89

Lab Packs

OPT-1 - 9 DRUMS of ROXON MATERIAL IDENTIFIED

- MAY BE OTHERS

- UNPACKING PROCEDURE

- 1 DRUM AT TIME - NOT ALL MAT. COULD BE IDENTIFIED.

Re Packing -

29 DRUMS INCLUDING MAT PUMPED OFF

2 REASONS

- MANY BOTTLES NOT PACKED PROPERLY, I.E.
NO VARMICULITE = 300 BOTTLES DOWN

- 5 DRUMS of KNOWN materials (L.P.)
- 23 containers (5 gal pails of oxides)
Packed in special dry -
Waste Mgt. at Enmore: O.K.
1 DRUM LIQUID

21 DRUMS of UNKNOWN + CONTAMINATED materials from DRUMS (i.e., drums & varmiculite had to be drummed).

Also, could have been less drums if known - had to stabilize.

DON'T know how to handle unknown yet. - working with unknowns
Buchanan's old is not ready to
with.

with ~~DEP~~

9/19/84

Telephone Conversation Bill Buchanan - DEP

104 Lab PAKS TO BE RETACKED
by experts. Will inventory by Grinnell
where possible.

- have found incompatibles
- deteriorating drums
- radioactivity (?)

Timing - start within 2 wks
- 2 wks to do

Chem Waste Mgt., Emmelle, etc.
Owner to supervise, DEP to observe

I reconfirmed that DEP would pay
for DEP drums.

I verbally refused to accept responsibility
for handling or repack operation, e.g.,
safety, env. incidents, etc. Buchanan
agreed.